

Cp / 1623/8

Attorney Docket No.: PTI-001CN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICANT:

Kornblith

FEB 0 5 2003

SERIAL NO.:

09/040,161

GROUP NO.:

1623

TECH CENTER 1600/290

FILING DATE:

March 17, 1998

EXAMINER:

Gitomer, R.

TITLE:

Method for Preparing Cell Cultures from Biological

Specimens for Chemotherapeutic and Other Assays

CERTIFICATE OF FIRST CLASS MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence, and any documents referred to as enclosed herein, are being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to the Commissioner for Patents, Washington, DC 20231 on this 31th day of January, 2003.

Jeremy P. Oczek

Commissioner for Patents Washington, D.C. 20231

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FFR 4-4-2003

Sir:

Submitted herewith are:

AND INTERFERENCES

- 1. Supplemental Information Disclosure Statement (2 pgs.);
- 2. Form PTO-1449 (3 pgs.);
- 3. Copies of References as Cited A1-A16, B1 and C1-C30;
- 4. Transmittal Form (1 pg.);
- 5. Fee Transmittal (1 pg.);
- 6. Check in the amount of \$180.00; and
- 7. Return Receipt Postcard.

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	To am	Application	n Serial Number	09/0	09/040,161			
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			First Name	ed Inventor	Koi	rnblith		
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	EODM		Examiner I	Name	Git	omer, R. TECH CENTER		
	FORM		Attorney D	ocket No.	PT	omer, R. TECH CENTER 1		
			Patent No.		Not	applicable		
			Issue Date		Not	applicable		
		Eľ	NCLOSURES (a	check all that apply)	· · · · · ·			
F	ee Transmittal Form		Copy of Notic	te to File Missing cation (PTO-1553)		Notice of Appeal to Board of Patent Appeals and Interferences		
	Check Attached			,		of Patent Appeals and Interferences		
	Copy of Fee Transmittal Form		Formal Drawi	ng(s)		Appeal Brief (in triplicate)		
	Amendment/Response		Request For Continued			Status Inquiry		
	☐ Preliminary		Examination (Transmittal	RCE)				
	☐ After Final ☐ Affidavits/declaration(s)		Power of Atto	rnev		Return Receipt Postcard		
	Letter to Official Draftsperson			f Prior Powers)		Certificate of First Class Mailing under 37 C.F.R. 1.8		
	including Drawings [Total Sheets]		Terminal Disc	laimer		Certificate of Facsimile Transmission under 37 C.F.R. 1.8		
]	Petition for Extension of Time			laration and Power or Utility or Design ation		Additional Enclosure(s) (please identify below)		
\boxtimes	Supplemental Information		Small Entity S	Statement				
	Disclosure Statement Form PTO-1449		CD(s) for larg	CD(s) for large table or computer		RECEIVED		
	Citations		program			CCD . 4 4 900Z		
]	Certified Copy of Priority Document(s)		Amendment A	After Allowance		FEB 3 € 2003		
	Sequence Listing submission Paper Copy/CD Computer Readable Copy Statement verifying identity of above		Request for Confection Correction Certificate duplicate)	ertificate of e of Correction (in	ل.ر م ع	ARD OF PATENT APPEALS AND INTERF ERENCES		
CORI	RESPONDENCE ADDRESS			SIGNATURE BL	OCK			
Direct	all correspondence to: Patent Ad Testa, Hu High Stre 125 High Boston, N Tel. No.: Fax No.:	rwitz & 7 et Tower Street 1A 0211 (617) 248	Thibeault, LLP 0 3-7000	Date: January 31, 2 Reg. No. 50,794 Tel. No.: (617) 310 Fax No.: (617) 248	-8158	Respectfully submitted, Jeremy P. Oczek Attorney for Applicant Testa, Hurwitz & Thibeault, LLP High Street Tower 125 High Street Boston, MA 02110		

FEB 0 3 2002

-	Complete if Known	
Application Serial Number	09/040,161	REO
Filing Date	March 17, 1998	"LCEN'E
First Named Inventor	Kornblith	
Group Art Unit	1623	FEB 0.5
Examiner Name	Gitomer, R.	7003
Attorney Docket No.	PTI-001CN	TECH CENTER
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	Overpayment Credit.		130	130	Non-English specification	
3. 🛛	Applicant claims small entity status.		2,520	2,520	Request for ex parte reexamination	
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740	O Utility filing fee		320	160	Notice of Appeal	<u> </u>
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	CORRESPONDENCE ADDRESS		 		Respectfully submitted,	
Direct	t all correspondence to:					1
	Patent Administrator	110	Date: January		Jeromy 1. Cal	2
	Testa, Hurwitz & Thibeault,	LLI Street	Reg. No.: 50,	794	Jeremy P. Oczek	
	High Street Tower-125 High	Succi	Tel. No.: (61'			
	Boston, MA 02110 Tel. No.: (617) 248-7000		Fax No.: (61	7) 248-710		
	Fax No.: (617) 248-7100				High Street Tower-125 High	gn Street
-	1 ax 140 (017) 2 10 7100		1		Boston, MA 02110	



PATENT

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TITLE:

Method for Preparing Cell Cultures from Biological Specimens for

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Commissioner for Patents Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.97 and 1.98, Applicants hereby make of record the patents and publications listed on the accompanying Form PTO-1449 for consideration by the Examiner in connection with the examination of the above-identified patent application. Copies of the patents and publications are enclosed.

REMARKS

This application is on appeal at the Board of Patent Appeals and Interferences.

It is respectfully requested that each of the patents and publications listed on the attached Form PTO-1449, and other information contained herein, be made of record in this application.

Applicants have enclosed the requisite petition fee under 37 C.F.R. 1.17(p) of \$180.00.

02/04/2003 SSESHE1 00000062 09040161

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180.00 OP

However, should further payment be necessary, the Director is hereby authorized to charge any

such fee to Deposit Account No. 20-0531.

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FEB n 5 2003

TECH CENTER 1600/2900

Respectfully submitted,

Date: January 31, 2003

Tel. No.: (617) 310-8158 Fax No.: (617) 248-7100 Jeremy Oczek (Reg. No. 50,794)

Attorney for Applicant

TESTA, HURWITZ, & THIBEAULT, LLP

High Street Tower 125 High Street

Boston, Massachusetts 02110

FORM-PTO - 1449 GRMSERON DISCLOSURE STATEMENT ATTORNEY DOCKET NO.: PTI-001CN

APPLICANT: Kornblith

SERIAL NO.: 09/040,161

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PATE	NT & TORE		U.S.	PATENT I	DOCUMI	ENTS				
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME			CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	Al	4,423,145	12-27-1983	Stampfer e	t al.		435	32		
	A2	4,668,618	05-26-1987	Thornthwa	ite		435	6		
	A3	4,937,187	05-26-1990	Rotman	•		435	30		
	A4	5,242,806	09-07-1993	Yen-Magu	ire et al.		435	32		
•	A5	5,270,172	12-14-1993	Morgan			435	29		
	A6	5,443,950	08-22-1995	Naughton &	et al.		435	1		
	A7	5,607,918	03-04-1997	Eriksson et	al.		514	12		
	A8	5,728,541	03-17-1998	Kornblith			435	29	معرف مع معرف مع	
	A9	5,789,158	08-04-1998	Knowles et	t al.		435	6	AND AND	
	A10	5,874,218	02-23-1999	Drolet et al	<i>l</i> .		435	6	≥	
	A11	5,888,765	03-30-1999	Patterson e	t al.		435	69.1	PATENT APP	
	A12	5,942,385	08-24-1999	Hirth			435	4	#2	
	A13	5,972,639	10-26-1999	Parandoosh	1		435	29	NA OP	
	A14	6,020,473	02-01-2000	Keyt et al.	·		536	23.1	ES PEA	
	A15	6,335,170	01-01-2002	Orntoft			435	6	S	
	A16	6,416,967	07-09-2002	Kornblith			435	29		
		·	FOREIG	GN PATEN	NT DOCU	MENTS				
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	B1	WO 96/10742	04-11-1996	wo						
		<u> </u>	OTHER AR	T, JOURN	AL ART	ICLES, E	TC.	<u> </u>		
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)									
,	C1 Alley, M., "Morphometric and Colorimetric Analyses of Human Tumor Cell Line Growth and Drug Sensitivity in Soft Agar Culture," Cancer Research, vol. 51, pp. 1247-1256 (1991).									
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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: PTI-001CN

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FILING DATE: March 17, 1998 GROUP: 1623

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EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)						
· · · · · · · · · · · · · · · · · · ·	C2	Andreotti, P., "TCA-100 Tumour Chemosensitivity Assay: Differences in Sensitivity between Cultured Tumour Cell Lines and Clinical Studies," J Biolumin Chemilumin, vol. 9, pp. 373-378 (1994).					
	C3	Broadley, C., et al., "A Tissue-Culture Model for the Study of Canine Vocal Fold Fibroblasts," Laryngoscope, vol. 105, no. 1, pp. 23-27 (1995).					
	C4	Burczynski, M., et al., "Toxicogenomics-Based Discrimination of Toxic Mechanism in HepG2 Human Hepatoma Cells," Toxicological Sciences, vol. 58, no.2, pp. 399-415 (2000).					
	C5	Cilley, R., et al., "Fetal Lung Development: Airway Pressure Enhances the Expression of Developmental Genes," Journal of Pediatric Surgery, vol. 35, no. 1, pp. 113-119 (2000).					
	C6	Dietel, M., et al., "In Vitro Prediction of Cytostatic Drug Resistance in Primary Cell Cultures of Solid Malignant Tumours," Eur J Cancer, vol. 29A, no. 3, pp. 416-420 (1993).					
	C7	Dudley, D., et al., "A Human Endometrial Explant System: Validation and Potential Applications," Am J Obstet Gynecol, vol. 167, no.6, pp. 1774-1780 (1992).					
	C8	Frykholm, G., et al., "Heterogeneity in Antigenic Expression and Radiosensitivity in Human Colon Carcinoma Cell Lines," In Vitro Cell Dev. Biol., vol. 27A, pp. 900-906 (1991).					
	C9	Fulda, S., et al., "Antiproliferative Potential of Cytostatic Drugs on Neuroblastoma Cells <i>In Vitro</i> ," Eur J of Cancer, vol. 31A, no. 4, pp. 616-621 (1995).					
	C10	Gamboa, G., et al., "Characterization and Development of UCI 107, a Primary Human Ovarian Carcinoma Cell Line," Gynecologic Oncology, vol. 58, pp. 336-343 (1995).					
·= · · · ·	CH	Ghosh, A., et al., "Immunohistological Staining of Reactive Mesothelium, Mesothelium, and Lung Carcinoma with a Panel of Monoclonal Antibodies," J Clin Pathol, vol. 40, pp 19-25 (1987).					
	C12	Goldsworthy, T., et al., "Concepts, Labeling Procedures, and Design of Cell Proliferation Studies Relating to Carcinogenesis," Environmental Health Perspectives, vol. 101, supp. 5, pp. 59-66 (1993).					
4	C13	Gress, T., et al., "Development of a Database on Transcribed Sequences in Tumour Cells and Identification of Changes in Transcription Patterns Related to Transformation and Other Tumour Cell Properties for the Global Finger Printing Analysis of Human Pancreatic Carcinoma cDNA Libraries," Biomed 1. Health Res., vol. 24, pp. 171-181 (1998).					
	C14	Hoffman, R., "The Three-Dimensional Question: Can Clinically Relevant Tumor Drug Resistance be Measured <i>In Vitro</i> ?" Cancer and Metastasis Reviews, vol. 13, no. 2, pp. 169-173 (1994).					
	C15	Kaaijk, P., et al., "Daunorubicin and Doxorubicin but not BCNU have Deleterious Effects on Organotypic Multicellular Spheroids of Gliomas," British Journal of Cancer, vol. 74, no. 2, pp. 187-193 (1996).					
	C16	Kitamura, M., et al., "Chemosensitivty of Gastric Cancer Using Adhesive Tumor Cell Culture System," Oncology Reports, vol. 2, no. 1, pp. 27-31 (1995).					
EXAMIN	IER	DATE CONSIDERED					



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			FILING DATE: March 17, 1998 GROUP: 1623	1000/2					
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
	C17	Kornblith, P., "Role of Tissue Culture in Post 346-376 (1978).	rediction of Malignancy," Clinical Neurosurgery, vol. 25, pp.						
	C18	Kornblith, P., et al., "Variations in Responsion Neurosurgery, vol. 48, no. 4, pp. 580-586 (se of Human Brain Tumors to BCNU <i>In Vitro</i> ," Journal of (1978).						
	C19	Nance, K., et al., "Immunocytochemical P Effusions," Am J Clin Pathol, vol. 95, pp. 9	anel for the Identification of Malignant Cells in Serous 867-874 (1991).						
	C20	Persons, D., et al., "Interphase Molecular C American Journal of Pathology, vol. 142, n	Cytogenetic Analysis of Epithelial Ovarian Carcinomas," no. 3, pp. 733-741 (1993).						
	C21		rity of Keratin Proteins in Formalin-Fixed, Paraffin-Embedded n," Journal of Histochemistry and Cytochemistry, vol. 33, no. 5,						
	C22		stochemical Evidence of Squamous Metaplasia from the athology, vol. 17, no. 3, pp. 272-275 (1990).						
	C23	Singh, H., et al., "Significance of Epithelia Effusions," Diagnostic Cytopathology, vol	al Membrane Antigen in the Work-Up of Problematic Serous . 13, no. 1, pp. 3-7 (1995).						
	C24	1	of γ-Interferon Production by Peripheral Blood Mononuclear 'Clin. Exp. Immunol., vol. 65, pp. 396-400 (1986).						
,	C25	Stewart, R., et al., "Glutamate Accumulation Brain Research, vol. 118, no. 3, pp. 441-45	on By Human Gliomas and Meningiomas in Tissue Culture," 52 (1976).						
	C26	1	nt Cells in Serous Effusions Using a Panel of Monoclonal a," Cytopathology, vol. 3, pp. 297-302 (1992).						
	C27	Wiseman, I., "A Modification of Hepatest, using the Terasaki Plate, for the Detection of Hb _s Ag in Blood Donors," J Clin Pathol, vol. 29, no. 3, pp. 264-266 (1976).							
		nternational Search Report for PCT/US01/32540 dated April 18, 2002.							
		International Search Report for PCT/US97	/11595 dated August 17, 1998.						
	C30	International Search Report for EP 97 93 3	267 dated May 3, 2002.						
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